

THURSDAY, DECEMBER 5, 2013

7:00-8:00 **Registration / Morning Refreshments / Exhibits**

8:00-8:30 **Introduction and Welcome Remarks**

CAPT Craig Salt, M.D., Founder and Director, Comprehensive Aesthetic Recovery Effort (C.A.R.E.); Department of Plastic Surgery, Naval Medical Center San Diego

RDML Bruce Gillingham, M.D., Commander, Naval Medical Center San Diego and Navy Medicine West

VADM Matthew Nathan, M.D., Surgeon General of the Navy

Michael M.J. Minc Founder, Gene Vance Jr. Foundation

CDR Peter Shumaker, M.D., Program Director, 4th Annual C.A.R.E. Training Summit; Chairman, Dermatology, NMCS; Clinical Associate Professor of Dermatology, Uniformed Services University of the Health Sciences

Military System of Trauma Care and Early Management

8:30-9:30 **Patient Testimonials, Part 1**

9:30-10:00 ***Military System of Trauma Care: Level 1,2
Early Wound Management***

Dr. Robert Sheridan (COL, USAR), Assistant Chief of Staff, Shriner's Hospital for Children; Associate Professor of Surgery, Harvard Medical School

10:15-10:30 ***Military System of Trauma Care: Level 3***

CDR Kevin Kuhn, M.D., Department of Orthopedics, Naval Medical Center San Diego

10:30-10:45 **Break / Exhibits**

10:45-11:15 ***Scar Physiology***

Dr. Mayer Tenenhaus, Clinical Professor of Surgery, Division of Plastic Surgery, UCSD Burn Center

Surgical Reconstruction and Scar Revision

11:15-11:45 ***Principles of Surgical Traumatic Scar Revision***

Dr. Matthias Donelan, Chief of Plastic Surgery, Shriner's Hospital for Children; Associate Clinical Professor of Surgery, Harvard Medical School

11:45-12:00 **Panel Discussion**

12:00-1:00 **Lunch / Exhibits**

THURSDAY, DECEMBER 5, 2013

- 1:00-1:30** *Upper Extremity Soft Tissue Reconstruction*
Dr. Kodi Azari, Chief, Section of Reconstructive Transplantation;
Co-Director, Operation Mend Program; Associate Professor, Orthopedic
Surgery, Plastic Surgery, and Transplantation Surgery David Geffen School
of Medicine at UCLA
- 1:30-2:00** *Principles of Hand Reconstruction*
Dr. Roberto Lachica, Associate Professor of Surgery, University of
Tennessee Health Sciences Center
- 2:00-2:15** *Dorsal Double Perforators "Super-thin" Free Flap: A
New Choice in Neck and Face Scar Contracture Reconstruction*
Dr. Vu Quang Vinh, Vice Chair, Department of Plastic Surgery, Vietnam
Institute of Burns, Hanoi
- 2:15-2:30** Break / Exhibits
- 2:30-3:00** *Post-Traumatic Cranio-Facial Reconstruction*
Dr. Anand Kumar, Assistant Professor of Plastic Surgery, John Hopkins
University
- 3:00-3:30** *Flap Options for Facial Reconstruction*
CAPT Craig Salt, M.D., Founder and Chairman, Project C.A.R.E.;
Department of Plastic Surgery, Naval Medical Center San Diego
- 3:00-4:00** *Hand Transplant (Closed Clinical Workshop)*
CDR Michelle Arnold, M.D., Department of Otolaryngology,
Naval Medical Center San Diego
- 3:30-3:45** Panel Discussion
- 3:45-4:00** Break / Exhibits
- 4:00-6:00** **Concurrent Clinical Workshops / Research Poster
Presentation / Optional C5 Tour**
(Sign-up at Registration)

Prosections, Group 1 Cadaver lab (Building 1-Ground Floor)

Session Coordinators: CAPT Craig Salt, M.D.; CDR Leo Kroonen, M.D.; Robin Caballa, PA-C

Faculty: Dr. Kodi Azari; Dr. Steven Bernard; Dr. Anand Kumar; Dr. Roberto Lachica; Dr. W.P. Andrew Lee; Dr. Francis Papay; Dr. Jaimie Shores; Dr. Maria Siemionow; Dr. Vu Quang Vinh

Surgical Scar Revision, Group A (Limited to Select Trainees and Staff Members),

Simulation lab (Building 1-Ground Floor)

Session Directors: Dr. Matthias Donelan; CDR Curtis Gaball M.D.; CDR Michelle Arnold, M.D.;
LT Col Jose Barrera, M.D.

NMCSD Research Poster Presentations (Building 5, Room 5 & 6)

Coordinators: Dr. John D. Malone; Dr. Ron Jackson; Elisea Avalos

- 4:00-4:30** **C5 Tour, Group 1** (Building 3 - 1st Floor)

FRIDAY, DECEMBER 6, 2013

7:30-8:00 **Registration / Morning Refreshments / Exhibits**

8:00-8:15 **Welcome Remarks / Objectives**

Transplantation

8:15-8:45 ***Face Transplantation***

Dr. Maria Siemionow, Head of Microsurgery Training; Director of Plastic Surgery Research, Cleveland Clinic

8:45-9:15 ***Hand Transplantation***

Dr. W. P. Andrew Lee, Professor and Chairman, Department of Plastic and Reconstructive Surgery, Johns Hopkins School of Medicine

9:15-9:45 ***Transplant Immunology***

Dr. Elaine Reed, Vice Chair, Research Services; Director, Immunogenetics Center; Professor of Pathology, David Geffen School of Medicine, UCLA

9:45-10:00 **Break / Exhibits**

Targeted Muscle Re-innervation

10:00-11:30 ***Introduction to TMR***

CDR Leo Kroonen, M.D., Hand and Microvascular Surgery, Department of Orthopedic Surgery, Naval Medical Center San Diego. Assistant Professor of Surgery, Uniformed Services University of the Health Sciences

Surgical Technique and the Mayo Experience

Dr. Brian T. Carlsen, Associate Professor of Plastic Surgery, Mayo Clinic School of Medicine

TMR for Combat-Related Upper Extremity Amputation

CDR George P. Nanos III, M.D., Hand and Microvascular Surgery, Department of Orthopedics, Walter Reed National Military Medical Center

Rehabilitation Associated With TMR

Kimberly Singer, Occupational Therapist, Comprehensive Combat Casualty Care Center (C5), Naval Medical Center San Diego

TMR Past, Present, and Future

Dr. Todd Kuiken, Director, Center for Bionic Medicine; Professor of PM&R, Biomedical Engineering, and Surgery, Northwestern University

11:30-12:00 **Panel Discussion**

FRIDAY, DECEMBER 6, 2013

12:00-1:00 Lunch / Exhibits

Regenerative Medicine

1:00-1:30 *Nerve Regeneration with Polymer Tracking*
Dr. Paul Cederna, Chief, Section of Plastic Surgery; Professor of Plastic Surgery and Biomedical Engineering, University of Michigan Health System

1:30-2:00 *Regenerative Therapies for Soft Tissue Reconstruction: Craniofacial and Limb*
Dr. J. Peter Rubin, University of Pittsburgh Medical Center Endowed Professor and Chair of Plastic Surgery

2:00-2:30 *Stem Cell Transplantation*
Dr. Spencer Brown, Executive Director, Center for Innovation in Regenerative Medicine; Professor of Plastic Surgery, University of Pittsburgh Medical Center

2:30-3:00 *Vascularized Bone Grafts in Orthopedic Surgery*
Dr. Alexander Y. Shin, Professor of Orthopedic Surgery and Director of the Hand Surgery Fellowship Program, Mayo Clinic

3:00-3:15 Panel Discussion

3:15-3:30 Break / Exhibits

3:30-5:30 Concurrent Clinical Workshops / Research Poster Presentations / Optional C5 Tour
(Sign-up at Registration)

Prosections, Group 2, Cadaver lab (Building 1-Ground Floor)

Session Coordinators: CAPT Craig Salt, M.D.; CDR Leo Kroonen, M.D.; Robin Caballa, PA-C
Faculty: Dr. Kodi Azari; Dr. Steven Bernard; Dr. Anand Kumar; Dr. Roberto Lachica; Dr. W.P. Andrew Lee; Dr. Francis Papay; Dr. Jaimie Shores; Dr. Maria Siemionow; Dr. Vu Quang Vinh.

Surgical Scar Revision, Group B (Limited to selected trainees and staff members), Simulation lab (Building 1-Ground Floor)

Session Directors: Dr. Matthias Donelan; CDR Curtis Gaball M.D.; CDR Michelle Arnold, M.D.; LT Col Jose Barrera, M.D.

NMCSD Research Poster Presentations, (Building 5, Room 5 & 6)

Coordinators: Dr. John D. Malone; Dr. Ron Jackson; Elisea Avalos

3:30-4:00 C5 Tour, Group 2 (Building 3-1st Floor)

SATURDAY, DECEMBER 7, 2013

7:30-8:00 **Registration / Morning Refreshments / Exhibits**

8:00-9:00 ***NMCSD Case Presentations***
Patient Testimonials, Part 2

Moderators: CDR Peter Shumaker, M.D. & Dr. Nathan Uebelhoer (Dermatology); CDR Leo Kroonen, M.D. (Orthopedic Hand Surgery); CDR Curtis Gaball, M.D. (Facial Plastic Surgery)

Laser Scar Revision

Moderators: CDR Peter Shumaker, M.D. and Dr. Nathan Uebelhoer

9:00-9:30 ***Laser Tissue Interactions***

CAPT (Ret) E. Victor Ross, M.D., Director of Laser and Cosmetic Dermatology, Scripps Clinic, San Diego, CA

9:30-10:00 ***Histopathologic Response to Laser Treatment***

Dr. David Ozog, Department of Dermatology, Henry Ford Hospital, Detroit,, MI

10:00-10:15 **Break / Exhibits**

10:15-10:30 **Laser Scar Resurfacing Video Demonstration**

10:30-11:30 ***Emerging Procedural Therapies***

Dr. Jill Waibel, Dermatology and Dermatologic Surgery, University of Miami Miller School of Medicine

Dr. R. Rox Anderson, Director, Wellman Center for Photomedicine; Professor of Dermatology, Harvard Medical School

11:30-11:45 ***Pediatric Laser Scar Revision***

Dr. Andrew Krakowski, Director, Kid's Scar Treatment and Revision (S.T.A.R.) Program; Assistant Clinical Professor of Pediatrics and Dermatology, Rady Children's Hospital, University of California, San Diego

11:45-12:15 **Panel Discussion**

1215-1:15 **Lunch / Exhibits**

SATURDAY, DECEMBER 7, 2013

Traumatic Brain Injury

1:15-2:45

*A System of TBI Care and
Evaluation and Management of Outpatient TBI*

LCDR Josh Duckworth, M.D., Department of Neurology, Naval Medical Center San Diego. Medical Director, Defense Veterans Brain Injury Program. Assistant Professor Neurology, Uniformed Services University of the Health Sciences

Inpatient TBI Management

Dr. Navaz Karanjia, Director, Neurocritical Care; Assistant Professor for Neurosciences, UCSD

2:45-3:00

Panel Discussion

3:00-3:15

Break / Exhibits

Focus on Amputee Care

3:15-3:45

Current Strategies and Challenges

COL (Ret) John Shero, Director, DoD-VA Extremity Trauma & Amputation Center of Excellence (EACE)

3:45-4:15

Revolutionizing Prosthetics

Justin Manzo, DARPA/DSO

4:15-4:45

Skin Issues in Amputees: Strategies to Avoid Prosthetic Abandonment

LT COL Jon Meyerle, M.D., Chief, Immunodermatology, Walter Reed National Military Medical Center; Assistant Professor, Department of Dermatology, USUHS

4:45- 5:00

NMCSD Experience

Brian Zalewski, Comprehensive Combat Casualty Care Center (C5), Naval Medical Center San Diego

4:45-5:15

Panel Discussion

SUNDAY, DECEMBER 8, 2013

7:30-8:00	Registration / Morning Refreshments
8:00-9:00	<i>Deciphering the Alphabet Soup of DoD Research</i> Panel: Dr. John D. Malone(Moderator); Dr. Rox Anderson; Mariliz Verzosa
9:00-10:00	<i>“Expeditionary” Experience in Scar Treatment</i> Panel: CDR Peter Shumaker, M.D. (Moderator); CDR Douglas Winstanley, D.O.; Dr. Rox Anderson; Dr. Vu Quang Vinh
10:00-10:15	Break / Exhibits
10:15-10:45	<i>Combining Laser and Surgical Revision for Traumatic and Surgical Scars</i> LT Col Jose Barrera, M.D. , Chief, Otolaryngology Service and Chief, Plastic and Reconstructive Surgery, San Antonio Military Medical Center
10:45-12:00	Unknowns and Case Discussion (Faculty)
12:00	CLOSING REMARKS